

Application No.: 09/890482

Case No.: 53852US013

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-27. (Cancelled)

28. (Previously presented) An optical filter system comprising:
an infrared detector device; and

an optical filter comprising a dielectric reflective layer capable of reflecting at least 70% of radiation in an undesired wavelength region while transmitting a predetermined proportion of light in a desired wavelength region, the dielectric reflective layer comprising a set of first polymer layers comprising a first polymer in combination with a set of second polymer layers comprising a second polymer by alternately stacking the first polymer layers and the second polymer layers, wherein the dielectric reflective layer is curved, and further wherein at least one of the first polymer and second polymer of the dielectric reflective layer is birefringent.

29-30. (Cancelled)

31. (New) The optical filter system of claim 28, wherein the dielectric reflective layer is curved to provide a wide viewing angle in one plane and a limited viewing angle in an orthogonal plane.

32. (New) The optical filter system of claim 28, wherein the dielectric reflective layer has a spherical shape.

33. (New) The optical filter system of claim 28, wherein the dielectric reflective layer has a modified spherical shape to accommodate spectral shift.

Application No.: 09/890482

Case No.: 53852US013

34. (New) The optical filter system of claim 28, wherein the dielectric reflective layer is curved to follow the arc of a cylinder and a surface of the detector is positioned at the center of the arc.